University of Arkansas, Fayetteville

ScholarWorks@UARK

Institutional Digital Repository Annual Progress
Report

Libraries

7-2019

The University of Arkansas Institutional Digital Repository annual progress report, July 2019

University of Arkansas, Fayetteville. Libraries

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ScholarWorks@UARK
The University of Arkansas Institutional Digital Repository
Progress Report for 1 January through 30 June 2019
Submitted 17 July 2019

Executive Summary

        ScholarWorks@UARK advances the University of Arkansas's land-grant mission by making the research, scholarship, and creative activity of the Fayetteville campus community available without charge to web visitors everywhere. The repository also partners with non-profit and state-affiliated organizations to make their work more discoverable and accessible. The repository is managed by the Office of Scholarly Communications (OSC) and jointly sponsored by the University Libraries and the Office of Research and Innovation. This report covers developments from 1 January through 30 June 2019 in the following areas:

- holdings and usage statistics
- new collections and serials
- promotion and publicity
- process improvements

Holdings and Usage Statistics

        During this six-month period, ScholarWorks@UARK saw a modest increase in usage: 345,897 downloads and hits, compared with 302,924 downloads and hits for 1 July through 31 December 2018. In other words, total usage rose by 14%. (Please refer to Figure A.) Figure B shows life-to-date usage and items contributed to the repository by college. During the first half of 2019, the J. William Fulbright College of Arts and Sciences took first place in life-to-date usage (downloads) and life-to-date deposits. Figure C shows life-to-date downloads and deposits of graduate theses and dissertations by college. Fulbright again leads in terms of downloads and number of theses/dissertations. Figure D shows life-to-date downloads and deposits for undergraduate honors theses by college. Here, the College of Engineering dominates with the number of downloads and number of theses.

        The world map (Figure E) illustrates the geographic distribution of the repository's users between 1 January and 30 June 2019. Users came to our website from 210 countries. Not surprisingly, the majority were located in the US and the rest of the Anglophone world. Please see the live map on the ScholarWorks@UARK home page. The pie chart (Figure F), covering the same time period, shows that users represented 14,531 institutions; 21% of these were educational institutions.

New Collections and Serials

The repository's featured collections include a patents directory, undergraduate theses, graduate theses and dissertations, the publications of research centers and institutes, and journals and other serials. (See the list of featured collections on pages 4-5.) These collections continue to grow.

Since 1 January 2019, we added two new journals: *Arkansas Law Notes* and *Journal of Research on the College President.* In the Open Education Resources section, we added three new textbooks created through the OER Course Materials Conversion Program. We also began hosting the Community Design Center's Project Reports and the Center for Human Nutrition's Summer Short Course videos.

Promotion and Publicity

In collaboration with the University Libraries' faculty and staff, we promote ScholarWorks@UARK and encourage all members of the campus community both to use the collections and to deposit their own work. Beyond advertising new issues of the various journals on our website, our staff designed magnets advertising the repository and a flyer for University Human Resources to distribute at New Employee Orientation. In collaboration with the Honors College, we hosted an "open office" to assist students with thesis submission. Jessica Kelly, the newly-hired Scholarly Communications Assistant, created "Thesis Writing: A Quick Resource Guide" and wrote a post on the topic for the University Libraries' blog.

Process Improvements

The success of ScholarWorks@UARK requires continual updates to systems and procedures to ensure cost-effective, efficient, and user-friendly operations. For example, Cedar Middleton produced a video which guides undergraduates, step-by-step, through the thesis submission process. We also conducted a survey of library personnel and individuals who assist students with honors thesis submissions. The responses spurred us to develop a strategic plan for publicizing materials in the repository, to create more user-friendly instructions about making submissions, and to provide tips for searching the repository. We intend to make progress in each of these areas over the coming months.

We continually monitor the profession's best practices, U of A policies, and applicable laws to ensure that our systems and processes align. For example, as part of our ongoing effort to improve the accessibility of all materials in the repository, over the past six months, we added captions to 13 videos.

Paul Forness, Scholarly Communications Assistant, is building an application to track publications (and, eventually, data) resulting from federally funded research at the University of Arkansas in order to monitor and facilitate compliance with federal public access mandates. Since the previous progress report, this application – Sherlock – has been open-sourced (hosted on GitHub). The user interface has been improved, and additional features have been developed; these include the ability to generate compliance audit reports, generate spreadsheets for upload into ScholarWorks@UARK, and import data from Web of Science (in-progress). To date, we've used Sherlock to add hyperlinks in the repository to 83 publications. A plan has been established to publicize Sherlock, which includes the creation of user documentation and outreach through various listservs.

Acknowledgments

The achievements outlined in this report would not be possible without the goodwill and active engagement of faculty, staff, students, and administrative assistants across the entire university. The Office of Scholarly Communications acknowledges the groups and individuals who have contributed substantially over the past six months. This list, of course, is not definitive.

Carolyn Allen, Dean, University of Arkansas Libraries
Center for Human Nutrition
        Jamie Baum, Director and Assistant Professor, Food Science
Chemistry and Biochemistry Library
        Lutishoor Salisbury, Head; Jeremy Smith, Supervisor
Community Design Center
        Stephen D. Luoni, Director and Principal Designer
        Linda Komlos, Executive Assistant to the Director
Department of Education Reform
        Patrick Wolf, Distinguished Professor
Digital Services Unit, University Libraries
        Martha Anderson, Head; DSU staff
Division of Agriculture Communications, Arkansas Agricultural Experiment Station (AAES)
     Gail Halleck, AAES Research Publications Editor and Managing Editor of Discovery Journal
Honors College
        Jennie Popp, Associate Dean; Katie Wilson Powell, Honors College Project/Program Manager
Graduate School and International Education
        Julie Rogers, Registration; Amy Smith, Graduation Specialist
Public Relations, University Libraries
        Kelsey Lovewell, Public Relations Coordinator
School of Law
        Brian Gallini, Senior Associate Dean for Faculty and Professor of Law
Technical Services, University Libraries
        Deb Kulczak, Head; Rachel Paul, Cataloging Librarian
Web Services, University Libraries
        Beth Juhl, Web Services Librarian; Dylan Hurd, Web Developer
Young Law Library
        Randy Thompson, Director; Dominick Grillo, Electronic Services Librarian

We look forward to working with the U of A community and advancing ScholarWorks@UARK.

Melody Herr, Head, Office of Scholarly Communications
Cedar Middleton, Institutional Repository Coordinator
Paul Forness, Scholarly Communications Assistant
Jessica Kelly, Scholarly Communications Assistant

Featured Collections

Open Education Resources

Textbooks created through the OER Course Materials Conversion Program (4)

Faculty and Student Work

Patents – patents granted to faculty, researchers, and staff from 1976 through the present (353 items); created and maintained by Lutishoor Salisbury, Head, Chemistry and Biochemistry Library

Undergraduate Honors Theses – 2005-2019, for departments which require deposit (1,363 items); this collection also includes a few older theses for which former students granted permission to post

Graduate Theses and Dissertations – 2009-2019, for departments which require deposit (3,292 items); this collection also includes a few older theses and dissertations for which former students granted permission to post

Publications of Centers and Institutes

Arkansas Agricultural Experiment Station

      Research Series –154 reports, dating from 2009 through the present

Arkansas Water Resources Center

      Technical Reports – 332 reports, dating from 1973 through the present

Department of Education Reform

      School Choice Demonstration Project – 86 reports, dating from 2005 through the present

      Working Papers –82 papers, dating from 2010 through the present

Diane D. Blair Center of Southern Politics and Society

      Reports –15 reports, dating from 2010 to 2017

Office for Education Policy

      Briefs –467 briefs, dating from 2004 through the present

      Arkansas Education Reports – 64 reports, dating from 2004 through 2018

Center for Multicultural & Diversity Education

      Multicultural & Diversity Student Works – 2 podcasts to date, more to come

Center for Human Nutrition

      Summer Short Courses - 12 videos and 1 Agenda

Community Design Center

      Project Reports - 9 reports

Serials

Annual of the Arkansas Natural Resources Law Institute —1962 through 2016 (111 articles) This series is incomplete; we are working to obtain permission to post older articles.

Arkansas Law Notes – 2019 through the present (2 notes)

Arkansas Law Review – 2016 through the present (69 articles)

Discovery: The Student Journal of the Dale Bumpers College of Agriculture – 2000 through the present (298 articles)

Inquiry: The University of Arkansas Undergraduate Research Journal – 2000 through 2016 (276 articles)

Journal of the Arkansas Academy of Science – 1941 through the present (2,302 articles)

Journal of Food Law & Policy – 2017 through the present (50 articles)

Journal of Research on the College President – 2017 through the present (12 articles)

Additional Figures

Figure A

ScholarWorks@UARK Total Usage of All Holdings by Month
1 July 2018 through 30 June 2019 (FY2019)
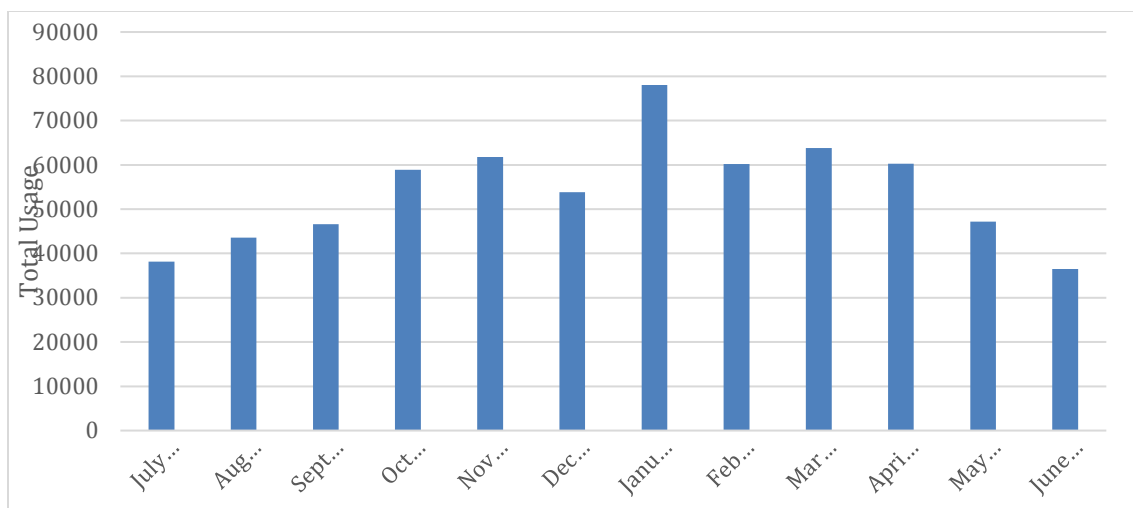
Month	Items	Downloads (Full Text)	Hits (Metadata)	Total Usage
July 2018	8629	32490	5656	38146
August 2018	8787	37368	6233	43601
September 2018	8883	39740	6896	46636
October 2018	8922	51104	7797	58901
November 2018	9032	53760	8032	61792
December 2018	9238	47488	6360	53848
January 2019	9403	70216	7834	78050
February 2019	9535	52255	7943	60198
March 2019	9624	54840	8928	63768
April 2019	9705	51020	9231	60251
May 2019	9936	39796	7359	47155
June 2019	10054	30603	5872	36475

Total Usage – downloads plus hits
Download – web visitor downloaded the file
Hit – web visitor viewed the description of the item but did not download the file

Figure B
ScholarWorks@UARK Holdings and Downloads by College/Department
Life-to-date as of 30 June 2019
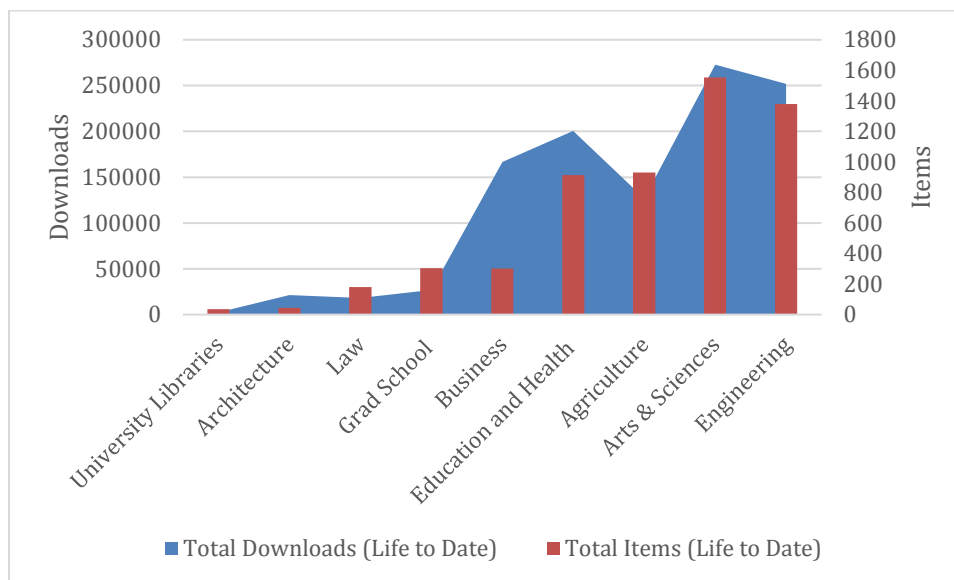
College/Department	Total Downloads (Life to Date)	Total Items (Life to Date)
University Libraries	2603	36
Architecture	21225	45
Law	18260	181
Grad School	26892	303
Business	166607	301
Education and Health	200509	913
Agriculture	126769	931
Arts & Sciences	272820	1554
Engineering	251862	1379

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Figure C
Graduate Theses/Dissertations by College
Life-to-Date Holdings and Downloads as of 30 June 2019
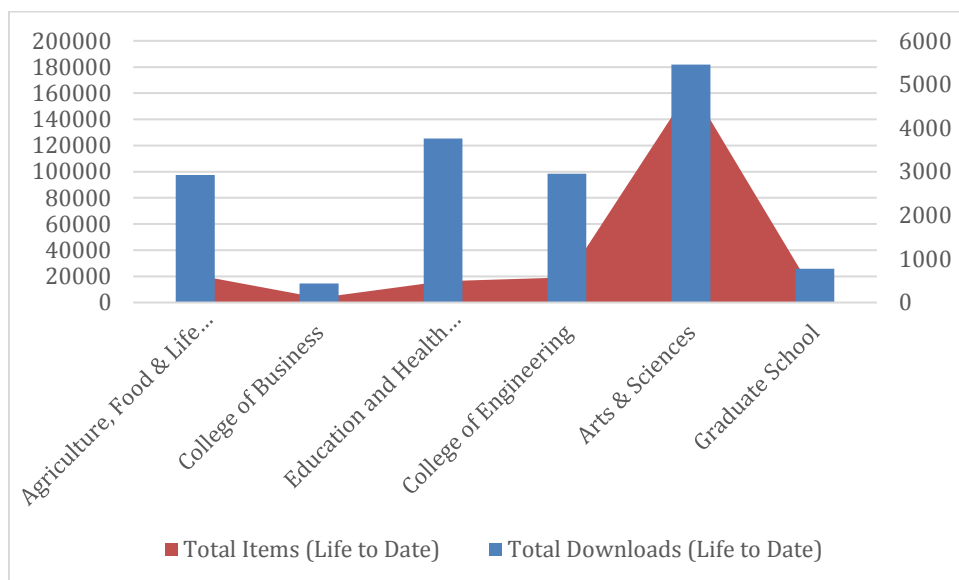
College	Total Downloads (Life to Date)	Total Items (Life to Date)
Agriculture, Food & Life Science	97541	636
College of Business	14529	109
Education and Health Professions	125238	486
College of Engineering	98374	578
Arts & Sciences	181733	4932
Graduate School	25929	197

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Figure D
Undergraduate Honors Theses by College
Life-to-Date Holdings and Downloads as of 30 June 2019
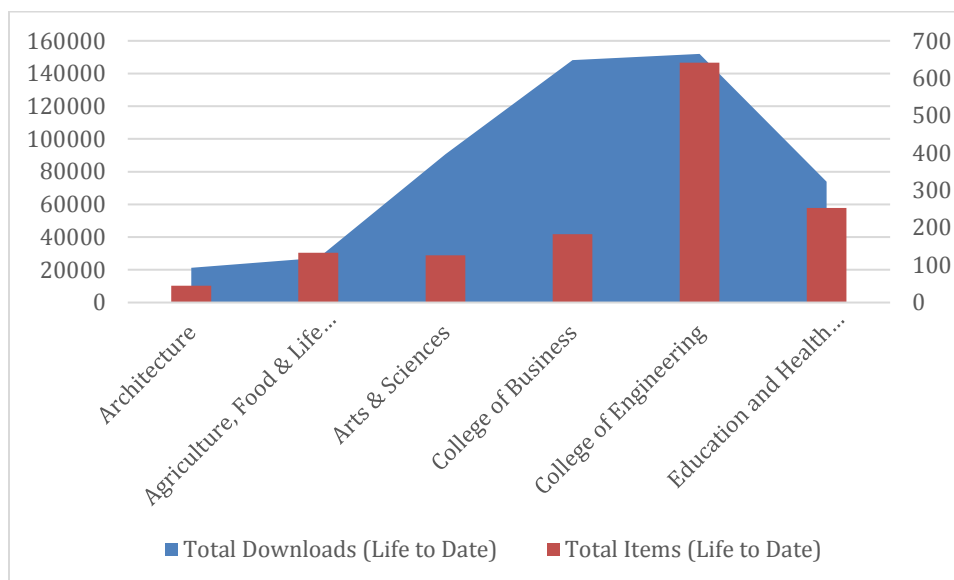
|	Total Downloads (Life to Date)	Total Items (Life to Date)
Architecture	21169	45
Agriculture, Food & Life Science	27293	133
Arts & Sciences	90665	126
College of Business	148163	183
College of Engineering	152008	642
Education and Health Professions	73833	253

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Figure E
ScholarWorks@UARK Readership: Geographic Distribution
1 January through 30 June 2019

Countries represented: 210

Figure F
ScholarWorks@UARK Readership: Institutional Affiliation
1 January through 30 June 2019
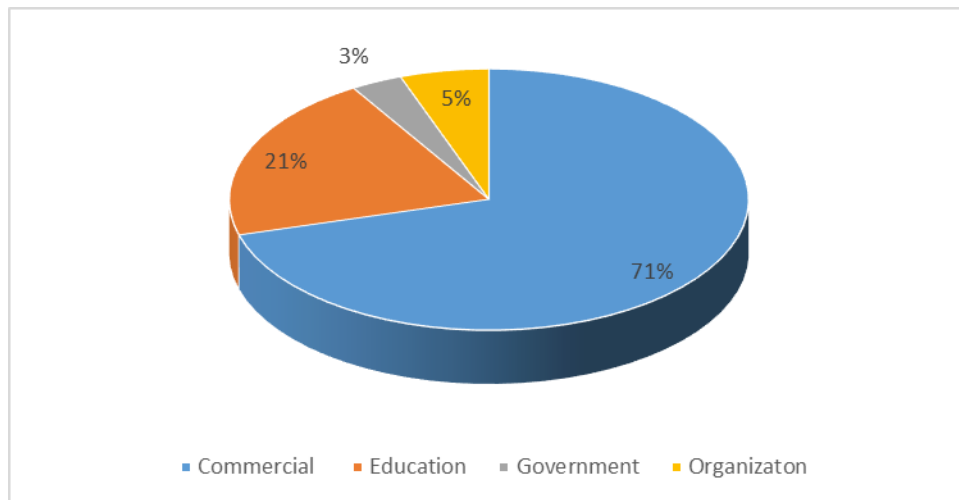
Institutions represented: 14,531
NOTE: Because we rounded each percentage to the nearest whole number, the sum may not equal 100.